CMECOMP Table

The reporting table, **CMECOMP,** was created to allow for easier reporting of CM&E data from all the CM&E tables along with facility ID, name and address information from the Handler table. Using this denormalized table, gives end users, including Oracle Report Builder users, the ability to query the database directly without having to join multiple files, which are not related on a one-to-one basis. Another benefit to having this table is that it saves time in coding by users and programmers and reduces the potential for errors.

The table was created using Structured Query Language (SQL) and is updated via triggers when data is added, modified or deleted.

The CMECOMP table has been utilized by all the CM&E reports available in RCRAInfo.

November 1, 2001 the update process for the CMECOMP table was modified to be a nightly process which updates only the facilities which were modified during that day's data entry activities. The field EVALUATED was removed from the CMECOMP table in order to eliminate the problem of duplicate records in the CMECOMP table.

Field Name	Type
HANDLER_ID	CHAR(12)
EXTRACT_FLAG	CHAR(1)
HANDLER_NAME	VARCHAR2(40)
FACILITY_IDENTIFIER	VARCHAR2(12)
REGION	CHAR(2)
STATE	CHAR(2)
LOCATION_STREET_NO	VARCHAR2(12)
LOCATION_STREET1	VARCHAR2(30)

LOCATION_STREET2	VARCHAR2(30)
LOCATION_CITY	VARCHAR2(25)
LOCATION_STATE	CHAR(2)
LOCATION_ZIP	VARCHAR2(9)
MAIL_STREET_NO	VARCHAR2(12)
MAIL_STREET1	VARCHAR2(30)
MAIL_STREET2	VARCHAR2(30)
MAIL_CITY	VARCHAR2(25)
MAIL_STATE	CHAR(2)
MAIL_ZIP	VARCHAR2(9)
STATE_DISTRICT	VARCHAR2(10)
ACCESSIBILITY	VARCHAR2(1)
OFF_SITE_RECEIPT	VARCHAR2(1)
NON_NOTIFIER	CHAR(1)
LAND_TYPE	CHAR(1)
COUNTY_CODE	VARCHAR2(5)
COUNTY_NAME	VARCHAR2(27)
EVALUATION_SEQ	VARCHAR2(3)
EVALUATION_DATE	DATE
EVALUATION_LOCATION	CHAR(2)
EVALUATION_TYPE	VARCHAR2(3)
EVALUATION_AGENCY	CHAR(1)
EVALUATION_PERSON	VARCHAR2(5)
EVALUATION_SUBORG	VARCHAR2(10)
EVALUATION_REASON	CHAR(2)
EVALUATION_REASON_DESC	VARCHAR2(80)
EVALUATION_NOTES	VARCHAR2(240)
FOUND_VIOLATION	CHAR(1)

EVALUATION_TYPE_DESC	VARCHAR2(80)
VIOLATION_LOCATION	CHAR(2)
DETERMINED_BY_AGENCY	CHAR(1)
VIOLATION_AREA	VARCHAR2(3)
VIOLATION_CLASS	CHAR(1)
VIOLATION_PRIORITY	CHAR(1)
VIOLATION_SEQ	VARCHAR2(4)
VIOLATION_PERSON	VARCHAR2(5)
VIOLATION_SUBORG	VARCHAR2(10)
DETERMINED_DATE	DATE
CITATION	VARCHAR2(30)
ACTUAL_RTC_DATE	DATE
VIOL_RESP_AGENCY	CHAR(1)
VIOLATION_NOTES	VARCHAR2(240)
RTC_QUALIFIER	CHAR(1)
CITATION_TYPE	CHAR(2)
CITATION_TYPE_DESC	VARCHAR2(80)
VIOL_AREA_DESC	VARCHAR2(80)
COMPLIANCE_SCHED_DATE	DATE
COMPLIANCE_SCHED_NOTES	VARCHAR2(240)
ENFORCEMENT_DATE	DATE
ENFORCEMENT_TYPE	VARCHAR2(3)
ENFORCEMENT_AGENCY	CHAR(1)
ENFORCEMENT_SEQ	VARCHAR2(3)
ENFORCEMENT_DOCKET	VARCHAR2(15)
ENFORCEMENT_PERSON	VARCHAR2(5)
ENFORCEMENT_SUBORG	VARCHAR2(10)
ENFORCEMENT_LOCATION	CHAR(2)

ENFORCEMENT_ATTORNEY	VARCHAR2(5)
ENFORCEMENT_NOTES	VARCHAR2(240)
ENFORCEMENT_TYPE_DESC	VARCHAR2(80)
MEDIA_TYPE	VARCHAR2(3)
MEDIA_TYPE_DESC	VARCHAR2(80)
MEDIA_NOTES	VARCHAR2(240)
SEP_SEQ	NUMBER(2)
SEP_TYPE	VARCHAR2(3)
SEP_TYPE_DESC	VARCHAR2(80)
SEP_EXPENDITURE_AMOUNT	NUMBER(12,2)
SEP_SCHED_DATE	DATE
SEP_ACTUAL_DATE	DATE
SEP_PERSON	VARCHAR2(5)
SEP_NOTES	VARCHAR2(240)
PENALTY_TYPE	VARCHAR2(3)
PENALTY_TYPE_DESC	VARCHAR2(80)
PENALTY_AMOUNT	NUMBER(12,2)
PENALTY_NOTES	VARCHAR2(240)
PAYMENT_SEQ	NUMBER(2)
PAYMENT_SCHED_DATE	DATE
PAYMENT_SCHED_AMOUNT	NUMBER(12,2)
PAYMENT_PAID_DATE	DATE
PAYMENT_PAID_AMOUNT	NUMBER(12,2)
PAYMENT_NOTES	VARCHAR2(240)
FINAL_COUNT	NUMBER
FINAL_AMOUNT	NUMBER
PROPOSED_AMOUNT	NUMBER
PD_AMOUNT	NUMBER

The data is summarized by the combined levels (using all key fields) of handler, evaluation, violation, and enforcement information. The lowest level is sorted by the following key fields: fk_cenforcementfk_hbasichandle,
fk_cenforcementactivity_locati,
fk_cenforcementenforcement_seq,
fk_cenforcementenforcement_dat,
fk_cenforcementagency and
fk_lu_penalty_towner.

The last four fields in the CMECOMP table are created by summarizing the records in CPENALTY and CPAYMENT **by enforcement action**. This is done to minimize the duplication of the amounts in these records when they are joined with the other data. Also, this improves performance of the reports since the summarization is already done in the table and does not need to be processed within each reports.

Each field is calculated as follows:

FINAL_COUNT   count of the number of penalties **by enforcement action** where fk_lu_penalty_tpenalty_type = 'FA'

FINAL_AMOUNT   sum of the amount field in CPENALTY **by enforcement action** where fk_lu_penalty_tpenalty_type = 'FA' or 'CR'

PROPOSED_AMOUNT   sum of the amount field in CPENALTY **by enforcement action** where fk_lu_penalty_tpenalty_type = 'PA'

PD_AMOUNT   sum of the paid_amount field in CPAYMENT **by enforcement action**